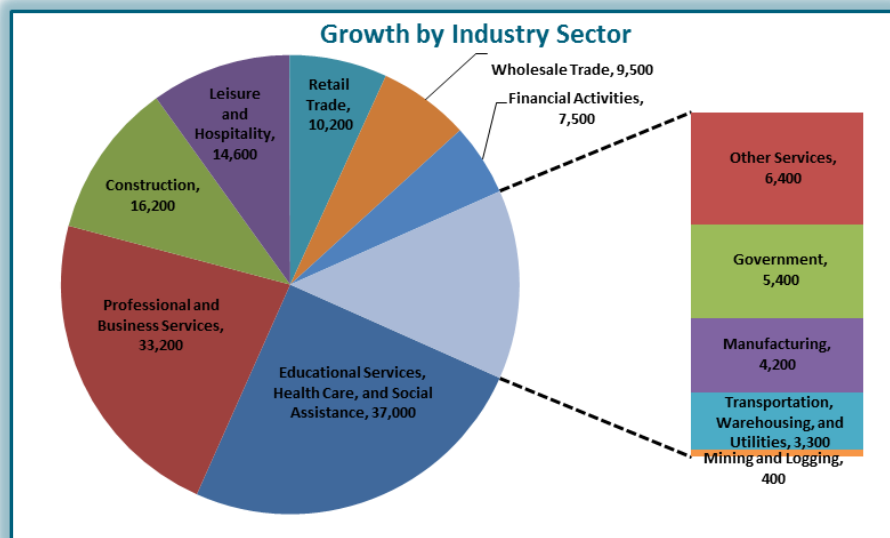


Industry Employment, which includes self-employment, unpaid family workers, private household workers, farm, and nonfarm employment in Alameda and Contra Costa Counties, is expected to reach 1,229,100 by 2022, an increase of 14.3 percent over the 10-year projections period. Twelve of 13 nonfarm industry sectors are projected to grow between 2012 and 2022.



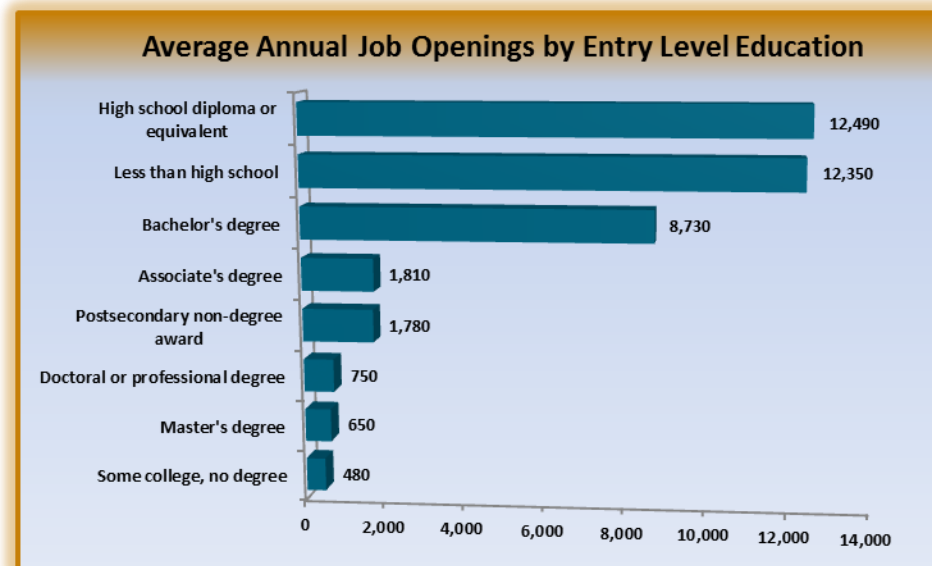
Total nonfarm employment is projected to grow by nearly 147,900 jobs by 2022. Sixty-eight percent of all projected nonfarm job growth is concentrated in four industry sectors.

- Educational services, health care, and social assistance is projected to add the most jobs, adding 37,000 jobs. Social assistance will lead the way with 10,000 jobs over the ten years.
- Professional and business services is the largest industry sector in the area and is expected to add 33,200 jobs.
- Construction is expected to add 16,200 jobs and will be among the fastest growing industry sectors with a 31.2 percent growth rate.
- Leisure and hospitality is projected to add 14,600 jobs.

Occupational Employment forecasts nearly 160,000 new jobs from industry growth and over 247,000 job openings from replacement needs for a combined total of approximately 407,000 job openings.

The 50 occupations with the most job openings are forecasted to generate about 202,100 total job openings annually, which is about 50 percent of all job openings. Seven out of 10 occupations on the list require a high school diploma or less. Among the top ten occupations on the list, only registered nurses and general and operational managers require an associate's degree or higher. These occupations have a median annual salary of \$129,429 and \$114,245, respectively.

The 50 fastest growing occupations expect to have a growth rate of 25.6 percent or higher. Nearly a quarter of the fastest growing occupations are in the construction and extraction occupational group. The expected recovery in the construction industry is driving growth in these occupations which require a high school diploma or less and range in median annual salary of \$39,648 to \$81,177.



The following table, categorized by entry-level education, provides a summary of the fastest- and largest-growing occupations.

2012-2022 Comparison of Growing Occupations by Entry Level Education Alameda and Contra Costa Counties

Fastest Growing (New Jobs from Industry Growth)	Entry Level Education	Largest Growing (New Jobs and Replacement Needs)
Biochemists and Biophysicists (25.6% or 110 jobs) Physical Therapists (23.9% or 320 jobs) Pharmacists (22.2% or 410 jobs) Medical Scientists, Except Epidemiologists (15.7% or 400 jobs) Lawyers (14.1% or 740 jobs)	Doctoral or Professional Degree	Lawyers (1,590 jobs) Medical Scientists, Except Epidemiologists (940 jobs) Pharmacists (850 jobs) Clinical, Counseling, and School Psychologists (770 jobs) Physical Therapists (650 jobs)
Healthcare Social Workers (25.7% or 260 jobs) Urban and Regional Planners (21.4% or 150 jobs) Rehabilitation Counselors (21.0% or 210 jobs) Occupational Therapists (20.8% or 150 jobs) Speech-Language Pathologists (18.6% or 110 jobs)	Master's Degree	Educational, Guidance, School, and Vocational Counselors (760 jobs) Education Administrators, Elementary and Secondary School (520 jobs) Healthcare Social Workers (470 jobs) Urban and Regional Planners (460 jobs) Rehabilitation Counselors (420 jobs)
Market Research Analysts and Marketing Specialists (42.7% or 2,240 jobs) Meeting, Convention, and Event Planners (42.6% or 260 jobs) Biomedical Engineers (42.4% or 280 jobs) Personal Financial Advisors (41.9% or 780 jobs) Information Security Analysts (41.3% or 310 jobs)	Bachelor's Degree	General and Operations Managers (5,800 jobs) Accountants and Auditors (3,990 jobs) Elementary School Teachers, Except Special Education (3,230 jobs) Software Developers, Applications (3,190 jobs) Market Research Analysts and Marketing Specialists (2,960 jobs)
Web Developers (40.2% or 530 jobs) Geological and Petroleum Technicians (34.8% or 230 jobs) Dietetic Technicians (34.1% or 140 jobs) Respiratory Therapists (25.4% or 290 jobs) Medical and Clinical Laboratory Technicians (24.3% or 270 jobs)	Associate's Degree	Registered Nurses (8,510 jobs) Preschool Teachers, Except Special Education (1,310 jobs) Web Developers (750 jobs) Dental Hygienists (660 jobs) Medical and Clinical Laboratory Technicians (560 jobs)
Skincare Specialists (40.7% or 220 jobs) Nursing Assistants (29.1% or 2,130 jobs) Surgical Technologists (24.3% or 170 jobs) Licensed Practical and Licensed Vocational Nurses (21.6% or 900 jobs) Manicurists and Pedicurists (20.4% or 560 jobs)	Postsecondary Non-degree Award	Nursing Assistants (3,510 jobs) Heavy and Tractor-Trailer Truck Drivers (2,300 jobs) Licensed Practical and Licensed Vocational Nurses (1,930 jobs) Medical Assistants (1,530 jobs) Dental Assistants (1,020 jobs)
Computer User Support Specialists (25.2% or 1,020 jobs) Computer, Automated Teller, and Office Machine Repairers (9.2% or 110 jobs) Teacher Assistants (8.7% or 720 jobs)	Some College, No Degree	Teacher Assistants (2,610 jobs) Computer User Support Specialists (1,660 jobs) Computer, Automated Teller, and Office Machine Repairers (350 jobs)
Brickmasons and Blockmasons (48.2% or 270 jobs) Dental Laboratory Technicians (43.1% or 220 jobs) Computer-Controlled Machine Tool Operators, Metal and Plastic (38.1% or 160 jobs) Electrical Power-Line Installers and Repairers (31.7% or 130 jobs) Carpenters (29.9% or 2,800 jobs)	High School Diploma or Equivalent	Customer Service Representatives (5,620 jobs) Office Clerks, General (5,610 jobs) First-Line Supervisors of Office and Administrative Support Workers (4,550 jobs) Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (4,040 jobs) Carpenters (3,950 jobs)
Pipelayers (74.0% or 370 jobs) Personal Care Aides (46.2% or 10,890 jobs) Painters, Construction and Maintenance (38.2% or 1,360 jobs) Tapers (35.0% or 210 jobs) Drywall and Ceiling Tile Installers (33.8% or 530 jobs)	Less than High School	Cashiers (14,010 jobs) Personal Care Aides (12,580 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (10,910 jobs) Retail Salespersons (10,630 jobs) Waiters and Waitresses (9,070 jobs)

Excludes "All-Other" occupations and those with employment less than 400 in 2012.

Source: California Employment Development Department